

FIG. 1



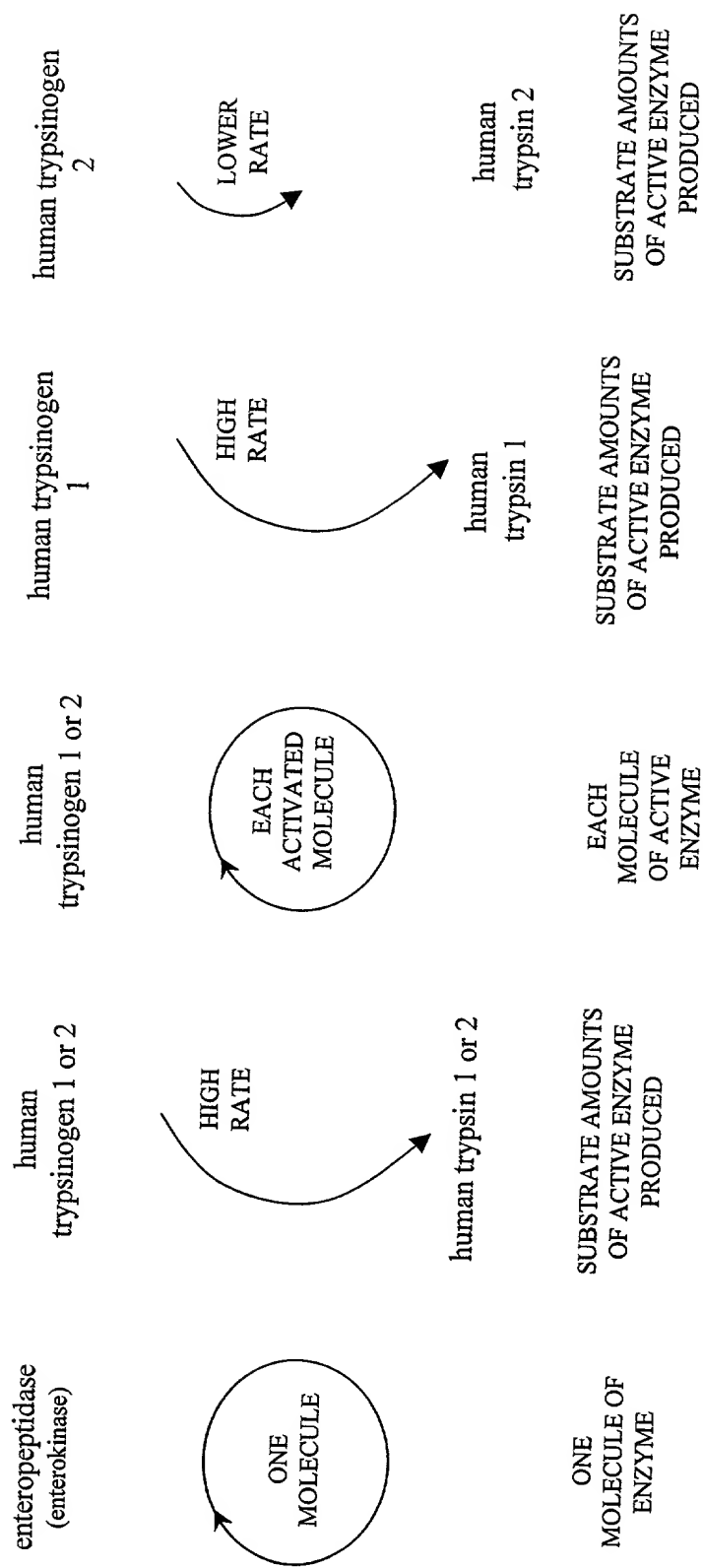


FIG. 3

ENTEROPEPTIDASE

PROENZYME

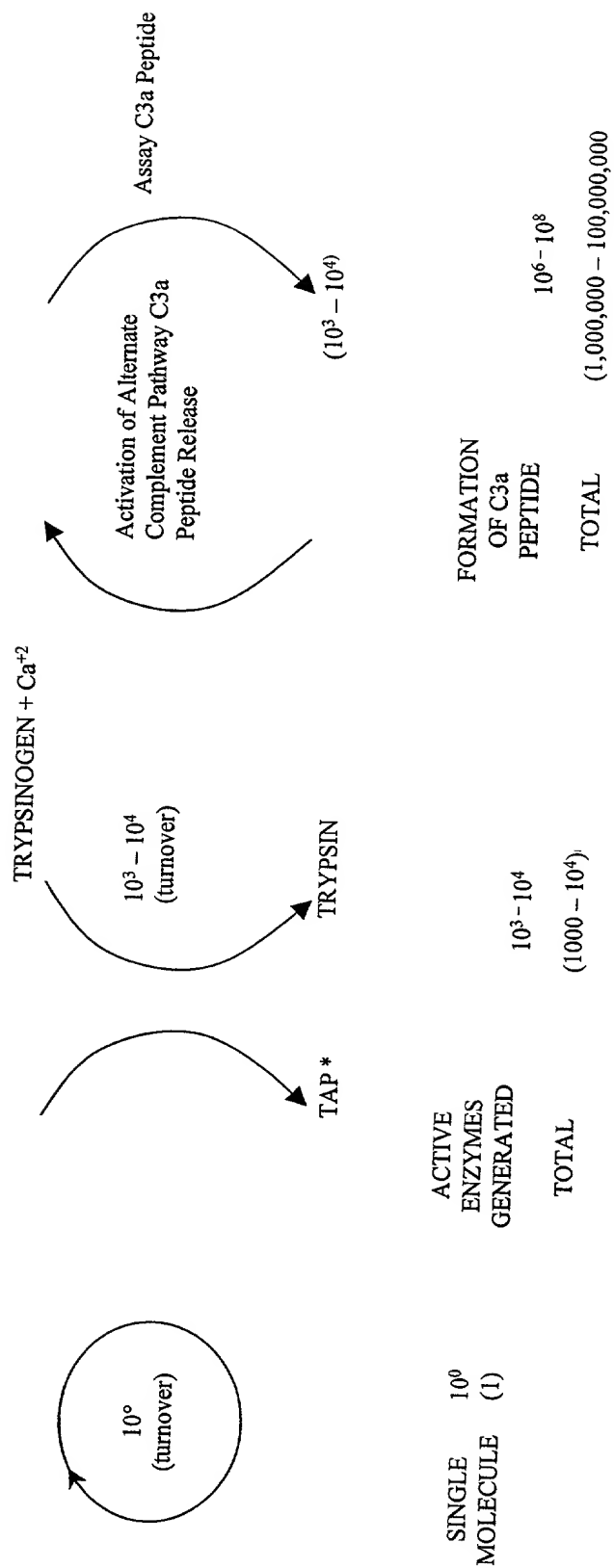


FIG. 4

	SIGNAL ACTIVATION MOLECULE AND FUNCTION	Index of Target Analyte Presence
CMSA Complement Cascade	<ul style="list-style-type: none"> <li>•Antibody to antigen in the Classic Complement pathway</li> <li>•Polysaccharide, etc. in the Alternate Complement Pathway</li> <li>•Both activate Complement</li> </ul>	C3a Peptide Production/Quantification
ZMSA CC Clotting Cascade	<ul style="list-style-type: none"> <li>•Kallikrein Plasma Proteinase activating Hageman Factor (Factor XII) enhanced with Kinogen activate clotting</li> </ul>	Opacity Clot Retraction
ZMSA-PCC Procollagen Conversion	<ul style="list-style-type: none"> <li>•Serum Protease activating neutral Protease (zymogen) catalyzing Procollagen-&gt; Collagen Conversion</li> </ul>	Opacity
ZMSA-PIC Proinsulin Conversion	<ul style="list-style-type: none"> <li>•Serine Protease activating Endopeptidase PC2 or PC3 (zymogen) activating Insulin with release of C Peptide</li> </ul>	C Peptide Production/Quantification
ZMSA PTC Prothrombin Conversion	<ul style="list-style-type: none"> <li>•Serine Protease activating Prothrombin (zymogen) to Thrombin converts Fibrinogen to Fibrin</li> </ul>	Opacity

FIG. 5

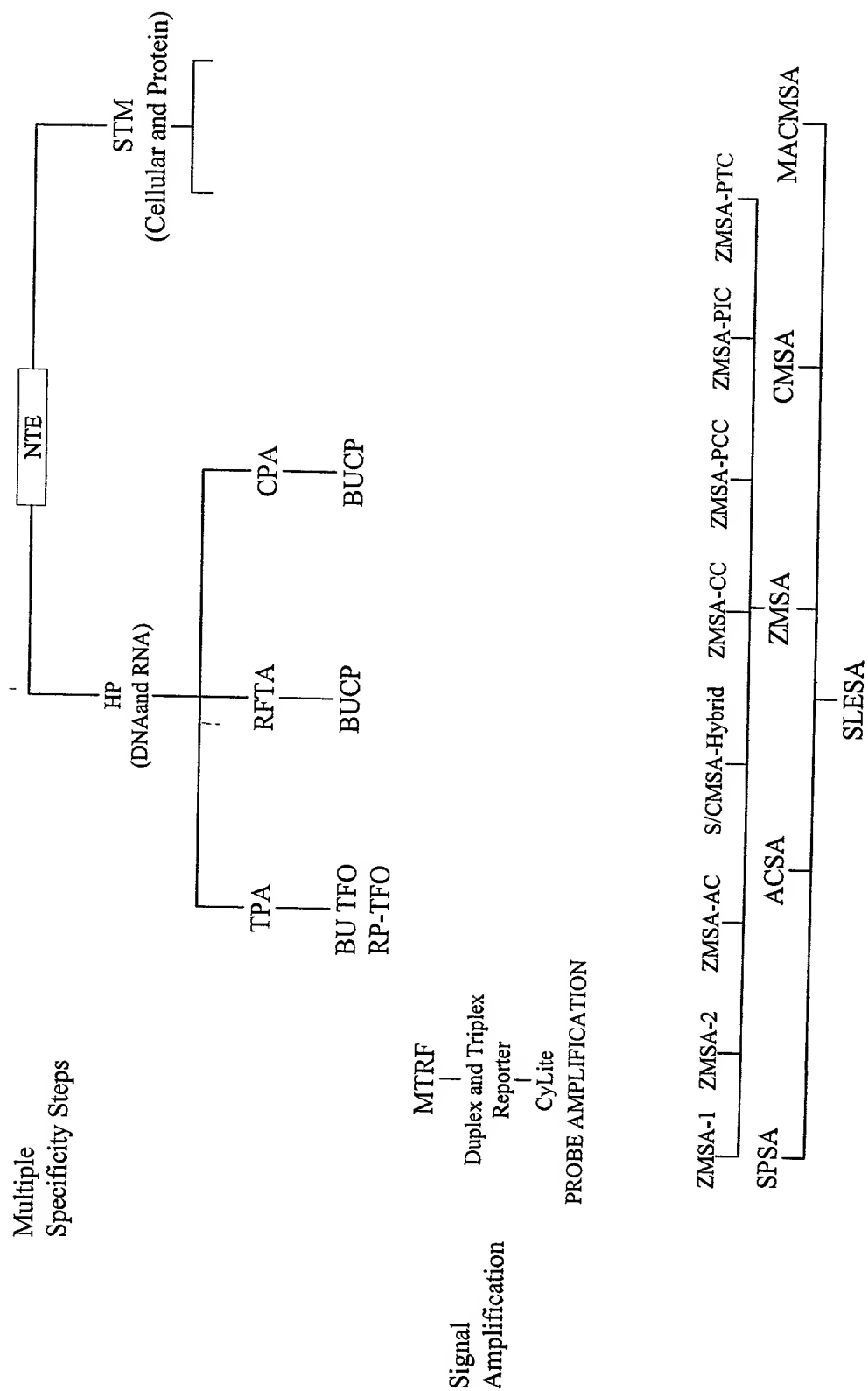


FIG. 6

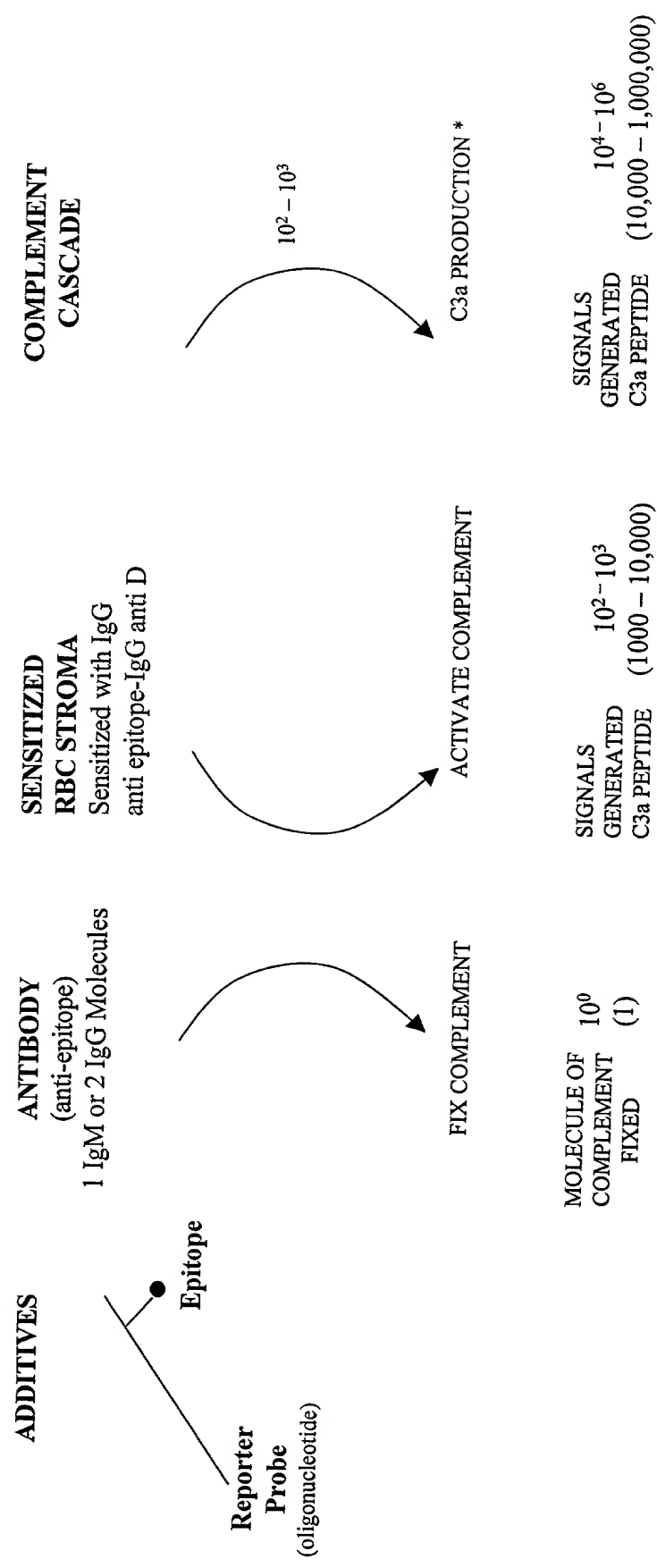
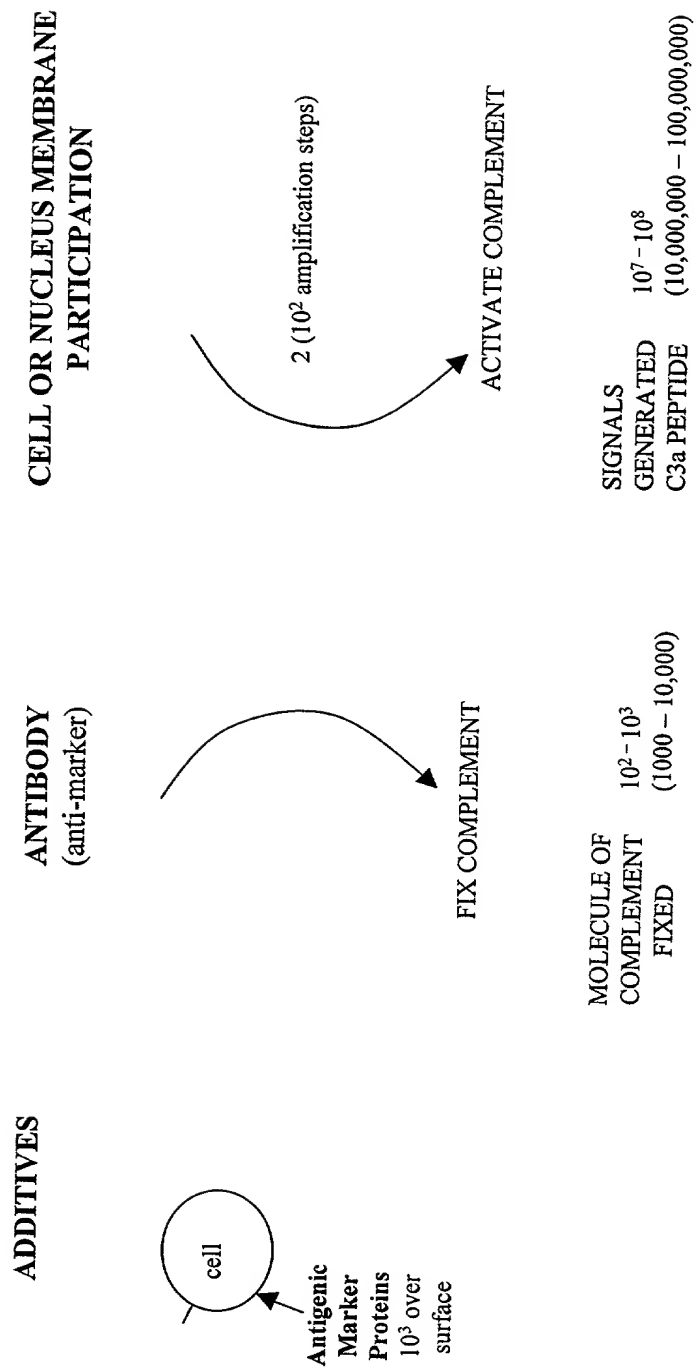


FIG. 7



**FIG. 8**



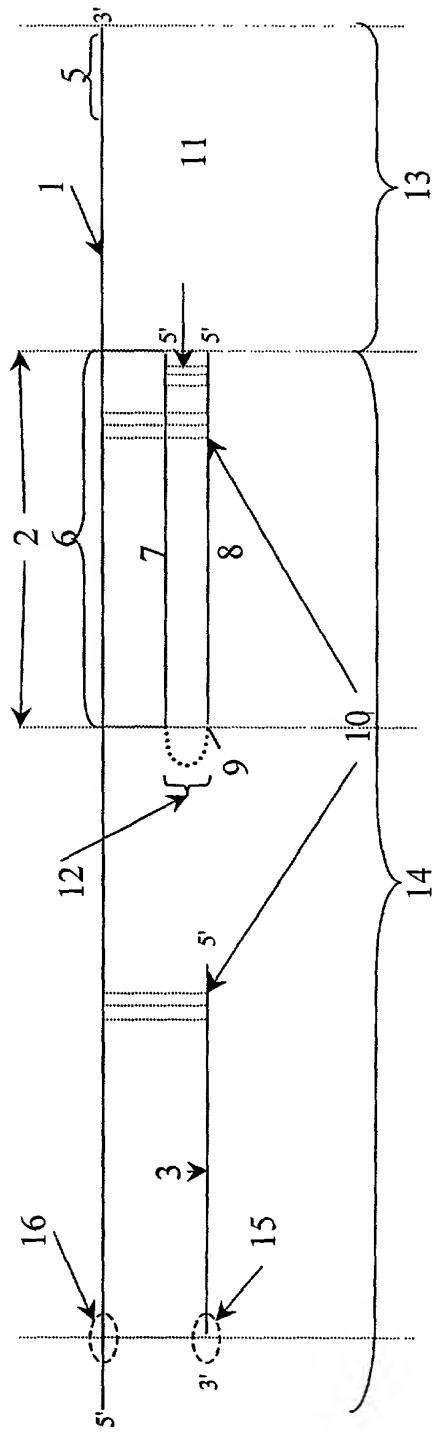


FIG. 9